

Amendments to the Specification:

Please replace paragraph 5 on Page 4 with the following amended paragraph:

~~The heat exchanger of the present invention eliminates conductive heat transfer losses.~~ In addition, the weight of the heat exchanger is reduced by removing the joiner plates. In some applications this reduction in weight can be particularly advantageous. In others such as aircraft, the ~~weigh~~ weight reduction is negligible but still important.

Please replace paragraph 2 on Page 5 with the following amended paragraph:

The heat exchanger of the present invention has a high aspect ratio of the height to the width for the corrugated fin compared to the prior art. The aspect ratio is at least 10:1, preferably 15:1, more preferably 20:1 and most preferably 25:1 for the corrugated fin compared to the prior art. The present invention also greatly reduces ~~eliminates~~ the conduction losses that are associated with the long effective fin established in a multi-stage design. ~~In fact, the fin efficiency of the heat exchanger can be as high as unity or 100% because the heat exchanger can eliminate conductive heat transfer losses.~~ The heat exchanger of the present invention can be either a single or multi stage device.